

Section 01010 – Summary of Work

Part 1 – General

1.01 Scope:

- A. This work consists of furnishing all labor, materials, and equipment necessary to complete the following work:
 - a. Installation of up to 2.20 miles of
 - i. Class A W- beam highway guardrail
 - 1. Base metal nominal thickness of 0.105 in.,
 - 2. 12 gauge steel,
 - 3. Type 2, zinc coated with 3.60 oz/sq ft minimum single spot and 4.00 oz/560 sq ft minimum triple spot.
 - 4. Including steel posts and galvanized hardware
 - ii. and a minimum of eight (8) rounded end treatments with reflective safety decals.
 - iii. **See Attachment A.**
 - b. Guardrail, Guardrail posts, terminal ends, hardware and installation shall meet INDOT 2014 Standard Specifications 910.09, 910.10, 910.11 and 910.12.
 - c. Guardrail shall be placed at a height of 2 ft. 3 in., measured along the front face of the rail.
 - d. The rail shall be placed as parallel to the ground as possible; however, the rail may be adjusted vertically to maintain a uniform appearance.
 - e. Guardrail posts shall be driven. If conditions do not allow driving the posts, then at least a 12 in. diameter hole is drilled and backfilled with soil in 6 in. lifts after which the post is then driven.
 - f. Blocks and rail elements are required to be erected in a manner resulting in a smooth, continuous installation.
 - g. Guardrail installation shall be between Redbird SRA and County Road 350 N (Greene Co) and between Redbird SRA and The IN Railroad rail line. **See Attachments B and C.** Work shall be bid as Base Bid and Alternate 1
 - h. Guardrail shall be installed such that:
 - i. Base bid – the rail faces County Road 350 N with posts on the Redbird property side of the installation.
 - ii. Alternate 1 - the rail faces the Redbird property with posts on the railroad side of the installation.
- B. Base bid includes installation of Guardrail along the north side of County Road 350 N (Greene Co.) between County Road 1550 W and the railroad tracks, and replacement of existing guardrail between the west side of the railroad tracks and the auxiliary property entrance. This includes approximately 0.41 mile of guardrail with one (1) 36” wide opening to allow dirt bikes access to trails on the south side of County Road 350. **See Attachment D.** End treatments will be required at the dirt bike pass thru and on each end of guardrail lines. A total of six end treatments.
 - i. Contractors will abide by all state and county regulations.
 - ii. Contractors shall abide by the License Agreement between Greene County, IN and the State of Indiana, Department of Natural Resources as stated in **Attachment E** which allows installation of guardrail within the Greene County right-of-way if deemed necessary.
 - iii. Guardrail shall be installed in such a manner as to prevent off-road vehicles from entering rail road property at the trail-rail line crossing.

Section 01010 – Summary of Work

- C. Alternate 1 includes installation of steel beam guardrail along the east side of The IN Railroad rail line along the Redbird SRA boundary. This includes up to 1.8 miles of guardrail installation. Minimum installation will be approximately 1.0 mile. Terrain will determine total miles installed. **Attachment F** depicts the minimum installation. End treatments will be required at beginning, end and at each break in the guardrail line.
- i. Contractors shall abide by all state, county and IN Railroad regulations.
 - ii. Contractors shall abide by the *pending* License Agreement between The IN Railroad and the State of Indiana, Department of Natural Resources which allows installation of guardrail within the rail road right-of-way if deemed necessary.
 - iii. Contractor shall refrain from installing any guardrail in The IN Railroad 75' right of way until a fully executed License Agreement is in place.
 - iv. Guardrail shall be installed in such a manner as to prevent off-road vehicles from entering rail road property at the trail-rail line crossing and along the length of the installation.
- D. Payment shall be:
- i. Guardrail by linear foot installed, measured along the top of the rail.
 1. End treatments and transitions are excluded from measurement.
 - ii. End treatments and transitions are paid as a lump sum for each.

1.02 Sites:

- A. The work shall be performed at Redbird State Recreation Area located near Dugger, IN

1.03 Alternate Bids:

- A. Voluntary alternate bids will not be accepted.

1.04 Sales Tax:

- A. Sales tax shall not be charged on the bid price of this project.

1.05 Completion of Work:

- A. All work required by the Contract Documents shall be completed within 365 days from the date of the contract.

1.06 Code Requirements and Manufacturer's Instructions:

- A. In the case of conflicts between state and local codes or regulations, State Codes or State regulations shall prevail. All required approvals for compliance with Fire and Building Services Division of Homeland Security, health regulations, historic preservation or archaeological clearances, floodway

Section 01010 – Summary of Work

construction or state highway crossing may have been obtained by the owner unless stated otherwise in the contract documents.

The following permits have been obtained:

1. Greene County License Agreement
 - 2.
- B. The Contractor shall be required to comply with all OSHA or IOSHA regulations as may be applicable to this project and obtain all permits that may be required for compliance.
- C. If the Contractor observes that any of the contract documents are at variance with the printed application instructions of any Manufacturer in any respect, he/she shall promptly notify the Project Manager in writing.
- D. If the Contractor performs any work contrary to State Building and other Codes, Regulations, Ordinances, or Manufacturer's printed instructions without notice to the project Manager, the contractor shall bear the cost arising from such non-conformance.

1.07 Notifications:

- A. Upon notice of bid award, the Contractor shall notify the Project Manager to establish communications for the above project(s). The notification may be by mail or email to the Project Manager's following mail or e-mail address:

Project Manager: Carman Jackson

Phone: _812-562-0103

Address: _Redbird SRA, 15298 W County Road 350 N, Linton, IN 47441

Email: cjackson@dnr.in.gov

1.08 Working Hours:

- A. The Contractor shall perform all related activities on Monday through Friday excluding State holidays, between the hours of 7:00 a.m. and 6:00 p.m. local time, unless alternate arrangements are made and approved by the Property Manager or his representative.
- B. All work performed at other times shall only by the approval of the Property Manager or his representative, confirmed in writing, and shall not constitute a change in the contract amount.
- C. The Contractor shall plan all material deliveries during normal working hours, shall be responsible for receiving and deliveries, and shall properly protect delivered materials while being stored on the property. The Property Manager or his representative will not sign for any deliveries.

1.09 Pre-Construction / Service Meeting:

Section 01010 – Summary of Work

- A. The Contractor and his/her Subcontractor (if any) shall attend a pre-construction/pre-service meeting with the Property Manager and/or his representative at the work site. The date for this meeting shall be scheduled by the Property Manager within 14 days after the contract is awarded unless Property Manager has approved alternate arrangements.

1.10 Site Conditions:

- A. Preliminary to the bidding, bidders are strongly encouraged to visit the site of the proposed work and thoroughly familiarize him/herself as to the nature and location of the work, general conditions, and the kind of equipment needed during the execution of the work. Failure to visit the site before bidding does not relieve the Contractor of responsibilities for anything that he/she would be been made aware had he/she visited.

1.11 Protection of Facilities and Premises:

- A. **The Contractor SHALL** be responsible for the protection of all facilities during the entire period of service. Any damages to the existing facilities, roads, lawns, driveways, or other State owned property caused by the contractor SHALL be repaired by the Contractor at his/her expense and in a manner and schedule approved by the Property Manager.
- B. **The contractor SHALL** confine his/her operations and the storage of materials and equipment within an area approved by the Property Manager or his representative.
- C. **The Contractor SHALL**, at all times, keep the premises free from accumulation of waste materials or rubbish caused by his/her employees or work and prevent the spread of this debris during windy conditions. At the completion of the work, the Contractor SHALL leave the premises in a neat, clean, and orderly fashion.
- D. **The Contractor SHALL power wash any mechanical equipment or vehicle to be used on the job site to remove all mud and debris prior to unloading on the site.** This is necessary to prevent contamination by invasive species seeds that may be attached to the equipment. The Contractor SHALL NOT unload the equipment on site without prior visual inspection by the Property Manager. No other vehicles/machines shall be permitted in the project area. All other equipment or project related vehicles must be parked in specified parking areas.

1.12 Safety and Health Plan

- A. **The Contractor SHALL** be required to comply with all OSHA or IOSHA regulations as may be applicable to this project and obtain all permits that may be required for compliance.
- B. **The Contractor SHALL** prepare a safety and health plan that identifies the safety requirements of the project, procedures to follow in case of an emergency, accident, injury, or illness and make this plan available to all employees, and sub-contractors complete with persons and/or phone numbers to call for all who are working at this site. This plan **SHALL** be given to the Project Manager or his representative prior to the start of work and posted at the job site.

Section 01010 – Summary of Work

- C. The Contractor SHALL** understand that the Property, DNR Engineering, nor the State of Indiana DOES NOT bare any responsibility for the cost of injuries to Contractor or Sub-Contractor, or their employees injured during the course of the contract. The **Contractor SHALL** be responsible for the transport of injured employees needing medical or other attention.

1.13 Substitutions:

- A. Materials and methods specified herein are known to meet the requirements of the project. Anyone wanting to use substitute materials or methods shall submit a written request, accompanied by necessary supporting information at least 10 days prior to the bid. If the Designer determines that the proposed substitution is acceptable, an addendum to the specifications will be issued to all prospective bidders.

By signing below you are acknowledging you have read and agree to the specifications provided above.
Any exceptions to the specifications must be documents on the bid package.

END OF SECTION